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*Anodonta undulata* and *A. lacustris*, Lea, showed no signs of sensitiveness. *Unio inflatus* exhibited but little motion, while numerous specimens of *U. radiatus* invariably gave more or less sign when the interruption of light took place. Some individuals were more sensitive than others, and the females exhibited this power much more than the males, often withdrawing, not only their siphons, but their mantle within the valves.

It is difficult to say with certainty how far their visual organs are developed, as well also as to number and exact position. The fringes of the branchial and anal siphons are, in the *Uniones*, formed of small, subconical tentacula. These are larger in the branchial siphon of *Unio*, while they do not exist at all in the anal opening of *Anodonta*. With a good lens the terminal point of the tentacula may be observed to be rounded and furnished with at least the appearance of an eye, and that it will prove to be a true eye, however imperfect, there can be but little doubt. Mr. Lea did not intend to pursue the minute anatomy of this organ; he left it to Dr. Leidy, who had done so much in the histology of the terrestrial Gasteropods, believing that he would be able to make out the complete anatomy of the eye in the *Unio*.

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February 17th.

Vice-President LEA in the Chair.

Communications for publication in the Proceedings were read, entitled:—

1. Notice of a collection of Reptiles made by Dr. Henry A. Ford in the Gaboon country, West Africa, by Edward Hallowell, M. D.

2. Description of thirteen new species of UNIONES from Georgia, by Isaac Lea.

Which were referred as usual to Committees.

Dr. Leidy made the following observations on entozoa found in the Naiades.

He had observed a curious parasite allied to *Aspidogaster conchicola*, infesting *Anodonta fluviatilis* and *Anodonta lacustris*, within the cleft of the upper branchial cavity, adhering to the outer surface of the renal organ and the contiguous margin of the foot. The new parasite, for which the name of *Cotylaspis insignis* was proposed, is from  $\frac{1}{2}$  a line to 1 line long, curved funnel shaped, with the base forming an oval ventral disk provided with an outer circle and an inner row of acetabula 29 in number. The animal is provided with distinct eyes, while *Aspidogaster*, in accordance with its being imprisoned in the pericardium of the Naiades, is blind.

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February 24th.

Vice-President BRIDGES in the Chair.

The following communications, on report of the Committees to which they had been referred, were ordered to be published in the Proceedings.

#### Descriptions of American L and Shells.

BY W. G. BINNEY.

HELIX INTERCISA. Testa solidissima, luteo-cinerea, apice rufâ, globoso-conica; spira brevis, sutura impressa; anfr. quinque convexiusculi, lineis parallelis, volventibus, valde demissis, strias incrementales distinctas intercidentibus; anfractus [Feb.